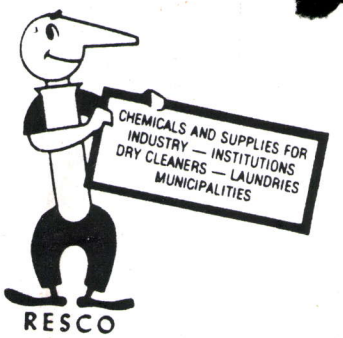
87

~~KAF~~
RF



The Reid Supply Company

911 E. Indianapolis
P. O. Box 11365
Wichita, Kansas 67202
267-1231
(AC 316)

950 Liberty Street
(at Union Avenue)
Kansas City, Mo. 64101
842-4440
(AC 816)

Mr. John Goetz, Chief
Hazardous Waste Section
Bureau of Waste Management
Forbes Field
Topeka, Ks. 66620

July 9, 1984

Reply to Wichita office

Dear Mr. Goetz:

Below is Reid Supply Company's response to the KDHE-EPA Notice of Deficiency/Letter of Warning of June 15, 1984. The comments and concerns are addressed as they appear in the letter.

Topographical Map

1. Rather than refer to the aerial photo, please see fig. 4 and 5 of the original Part B application (provided) for a letter from the City of Wichita Department of Engineering and the Flood Hazard Boundary Map showing that the Reid Supply Company facility does not lie within a loo year floodplain. The canal shown on the aerial photograph is for flood control. Therefore, no barriers for drainage or flood control are necessary on site.

2. The facility map enclosed shows the facility boundaries marked by a line labeled "boundary". The boundary line becomes dotted to help show that the boundary still exists yet the properties of Reid Supply Company Plant and Trombold Industrial Park are still contiguous.

Traffic Patterns

3. Please note that the facility map has traffic control signs marked.

Security

4. All barrier fences are made of chain-link.

Required Equipment

5. A. The alarm has been installed since May 1984. The alarm will be used for spills as well as fires. The same signal will be used for both and evacuations will be initiated by the alarm.

   B. The two process technicians will be the only regular employees working in the drum storage and tank storage areas except for a part time lab technician working in the lab at the end of C Building. In case of a fire or spill this employee would easily hear the alarm located 20 feet from the lab.

   C. Please note the telephones shown in the map of Location of Emergency Equipment.

Aisle Space

6. Rather than limit the storage of liquid hazardous waste drums to 400 drums and store drums containing solids outside the diked area which would rarely be close to 100 drums in number, the diked area will be 225 feet long instead of only 175 feet as stated in response 26 of the March 28, 1984, submittal. This will not significantly affect the waiver proposal of response 16 of the March 28, 1984, submittal because there will still be approximately a 110 feet buffer zone between the drum storage area and the lab. The "160 feet" of response 16 will be changed to 111 feet for the application. Please note the appropriate changes provided relative to response 26. The drum storage area will also be amended. This allows all hazardous waste drums to be stored in the diked area without limiting the number of liquid hazardous waste drums to 400.

Ignitable, Reactive, or Incompatible Waste Requirements

7. This small diked area for incompatible or reactive waste located within the main drum storage area (see amended drawing showing aisle space and drum storage grouping) was proposed only to provide a temporary protected storage place if a few hazardous waste drums after fingerprinting are found to be reactive or incompatible with the other waste solvents. Storage of

these drums would only be temporary until they could be returned to the generator that sent them in error. It is not Reid Supply Company's intention to regularly store reactive or incompatible waste, but only to provide a reasonably safe, separate area to store the problem drums. This area was not included in the original Part B application because it was not considered before, but upon recent refinement of the waste program it appeared to be a good idea.

8. No smoking signs have been placed inside the drum storage area in order to be fully visible from every position in the area. See Location of Emergency Equipment Map.

9. The Fire Department is in the process of finalizing their decision concerning the buffer zone waiver. Our insurance company, Aetna Life and Casualty, would not allow comment in favor of the waiver by order of the head office of the company even if our agent originally had no problem with the waiver. It appears that some people perceive that verbal commitments are easier to make than written ones. Word from the Fire Department should be coming the next two weeks.

Personnel Training

10. The new training program will be ready by July 20, 1984.

Closure

11. Enclosed is the revised closure plan.

Container Standards

12. See response 6. Any non-blendable solid materials placed in drums during processing will be compatible with the other hazardous waste stored in the same area since the solids will have come from drums containing solvents and solids that would have already been tested for compatibility during fingerprinting of each waste drum upon receipt of the drum.

13. The dike needs only be two inches high to more than adequately contain the volume of 10% of 500 drums, so

the final dike will be three inches high and four inches wide. The engineering drawing of the drum storage area will be amended to show this. A temporary dike of bricks was constructed until a final decision concerning the buffer zone waiver is made. Upon approval of the waiver the permanent dike will be constructed of concrete.

Tank Standards

14. The person operating the ultrasonic thickness meter was trained by Dupont Chemical Company during his employment there.

15. Enclosed are the current thickness measurements.

16. The ultrasonic thickness test will be conducted on both tanks annually. The tanks will be entered and inspected once every two years and internally inspected from the ports once every six months. In conjunction with the ultrasonic thickness test, the limited inspection of the inside of the tanks from the ports will provide sufficient information to determine the soundness of the tanks between total internal inspections. The annual ultrasonic thickness test will reveal on a random basis any seriously thin areas. For the nonentry inspection designated areas just inside the lower and upper ports about six inches in diameter will be scraped clean with a spark proof brass brush and observed every six months to note any serious pitting and signs of serious weathering. Written descriptions will be made as well as ultrasonic thickness testing. The area at the upper port will be at a position where blended solvent levels will fluctuate most resulting in more corrosion potential. An explosion-proof flashlight will be used to examine tank walls adjoining the ports and to observe any serious corrosion. The inspector will be the process engineer. The records of these inspections will be kept as part of the inspection log.

17. The tanks and piping are cold steel. The piping shown on the engineering drawing describes the extent of the piping except for the overflow control mechanism. There is a 2 inch valve and pipe going up to the top of each storage tank for filling to which a hose and pump

can be conncected, and a 2 inch valve at the bottom of the tank to which a hose and pump can be connected to fill a transport truck.

Enclosed is a diagram of the overfilling control equipment that fits in a 55 gallon drum. An overflow pipe feeds into this drum from both storage tanks and the feed level activates the valve and shuts off the air powering the diaphram pump.

Waste Analysis Plan/Waste Blending

18.A. Each individual waste stream will have a separate analysis and is being done presently.

B. The annual analysis presently includes analysis for halogen content for every wastestream when the analysis is performed by Systech. If a commercial lab like Midwest performs the analysis which results in significant extra expense for a test for halogens, only wastestreams coming from a generator handling chlorinated solvents will be tested for halogen content.

C. A detailed annual analysis will be performed on each generator that exceeds 10 drums of waste generated annually. Generators producing 10 drums or less of waste solvent annually will still have to maintain wastestreams consistent with the original detailed analysis. If the wastestream is inconsistent, a new detailed analysis will be required.

Over a third of our customers generate 10 drums or less of hazardous waste solvents. This provision will not discourage them from using responsible means of disposing of their hazardous waste. The annual detailed analysis would result in an incentive to dispose of their waste in less expensive and more irresponsible channels. The additional detailed analysis would not provide any more significant information for blending or recycling on a consistent wastestream. The fingerprint analysis would provide a significant check for wastestream variability.

D. The fingerprint analysis for wastestreams to be blended

will consist of the determination of pH, compatibility, BTU content, and halogen content. A gas chromatograph will be substituted for BTU and halogen content determination for waste solvents to be distilled.

E. We have consulted private laboratories and other industrial operations that do what we do. It's a new area and few people have much more experience than we do. Still we are looking for better ways from our own experience and that of others.

19.A. The only chlorinated waste streams that will be blended are still bottoms of chlorinated solvents. These still bottoms are well above 8,000 BTU/lb since oils and grease from the cleaning and degreasing process in which the solvent is involved are the major compontents of the wastestream. The chlorinated wastestreams that are below 8,000 BTU/lb are not blended but usually distilled and resold.

B. We will cooperate. It is too bad however that a cement kiln that is over-designed for a hazardous waste incinerator can not burn solvent blends that have been brought up to permit specifications by a facility like ours when a small percentage of blended wastestreams have an unblended BTU/lb value lower than 8,000 BTU. As long as the blended solvents burned at Systech are above 8,000 BTU/lb and still meet Systech's permit specifications, compatible hazardous wastes with lower BTU values could be effectively destroyed rather than using landfill or deep well injection disposal.

In our case, this would apply to waste chlorinated solvents that would be non recycleable by distillation. The level of waste chlorinated solvent to be blended with other compatible flammable solvents with higher BTU's/lb would be restricted to Systech's level of 3 or 5% halogen limit as well as their 10,000 BTU/lb limit.

Another beneficial consideration of being able to blend limited amounts of waste chlorinated solvent is that the chlorides at the levels allowed in the

fuel blend specifications are actually necessary to the concrete that is made from the clinker produced in the kiln. Reid Supply would like to be able to blend chlorinated waste solvents to meet Systech's permit specifications rather than blend only materials that have an original 8,000 BTU/lb value or more.

C. See comments in 17B. Reid Supply does intend to continue to accept waste which cannot be blended into fuel for General Portland Cement but this will only be for distillation. That is unless the KDHE and EPA will allow us to blend chlorinated waste solvents with BTU/lb levels that are below 8,000 BTU/lb and send waste blend solvents to Systech in accordance with their permitted BTU/lb values and halogen levels.

A special area in the drum storage area will be set aside to hole waste drums containing less than 8,000 BTU/lb material regardless of the outcome of this request. This will prevent blending these materials by mistake. See Aisle Spacing Diagram.

Financial Requirements

20. A copy of Reid Supply's letter of credit and standby trust fund will be sent to you by the July 15, 1984.

General Comments

21. Copies of the arrangements made with an emergency equipment supplier, inspection log sheets, and the closure cost estimate are provided.

22. Acknowledged.

I trust this is the information that you need.

If you have any questions please contact me.

Yours truly,

David Trombold

David Trombold
Hazardous Waste Coordinator

Figure 4

THE CITY OF

DEPARTMENT OF ENGINEERING
CITY HALL — SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501

March 4, 1983

Mr. David Trombold
The Reid Supply Company
Sales & Service
911 E. Indianapolis
Wichita, KS 67211

Dear Mr. Trombold:

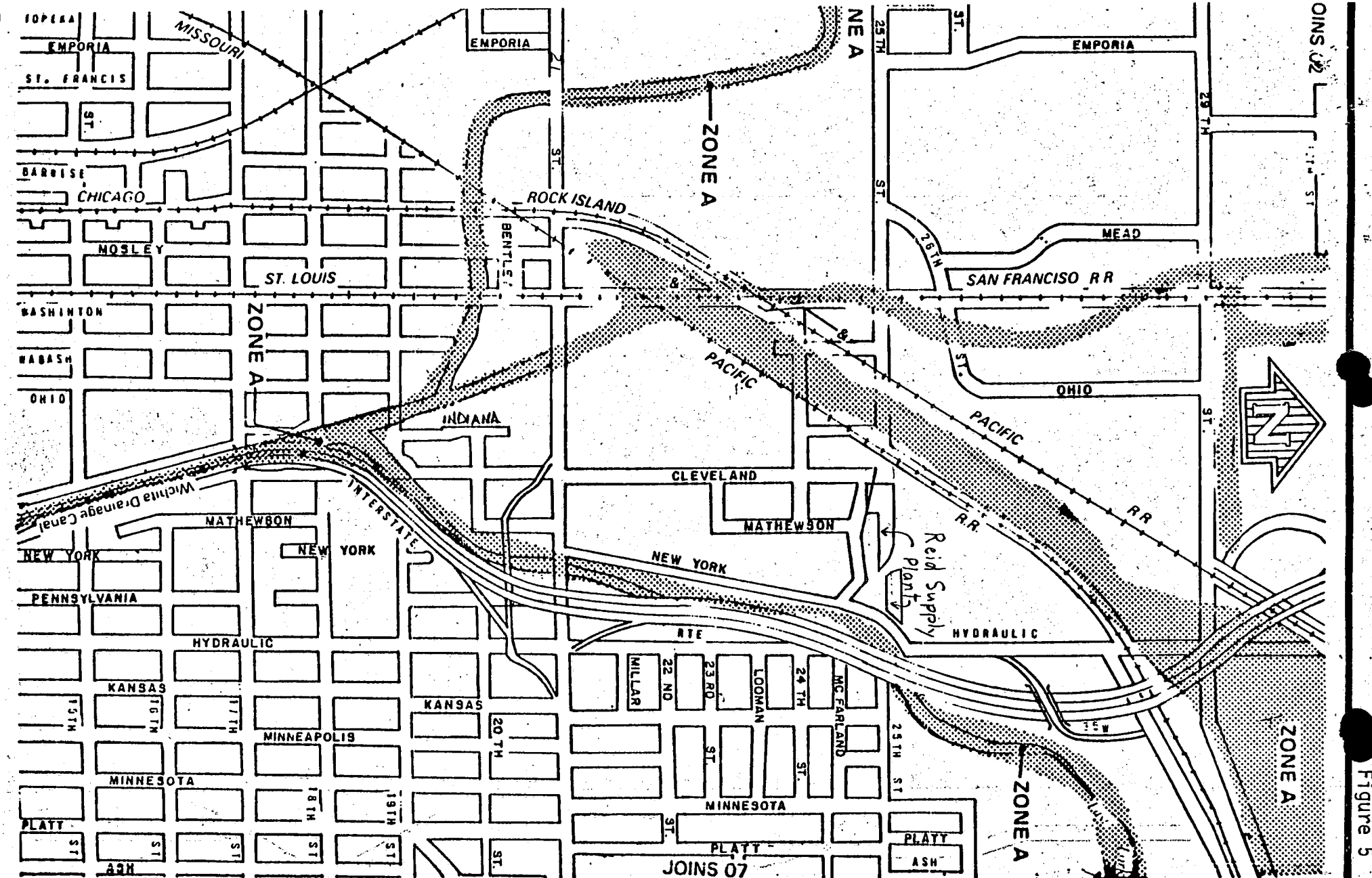
The property of 2549 New York is shown not to be within a special flood hazard area as indicated by Map Panel Number 06, Flood Hazard Boundary Map for Wichita, Kansas.

If you have any further questions, please don't hesitate to contact me at 268-4235.

Sincerely,

Chris J. Breitenstein, P.E.
Drainage & Flood Control Engineer

/ms



DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

CITY OF WICHITA, KS
(SEDGWICK CO.)

06

APPROXIMATE SCALE
1000 0 1000 2000 3000 FEET

FLOOD HAZARD BOUNDARY MAP

MAP REVISED
4/1/77

Figure 5

Container Standards (amended from the March 28, 1984 response)

26. The drum storage area located in C Building (see the layout map and amended engineering drawing of drum storage area) has as its underlying base an eighteen inch thick slab of concrete which is free of cracks and gaps and in conjunction with the dike is capable of containing leaks and spills until the collected material is detected and removed. The dike will be constructed of concrete with concrete humps at the east end and southwest of the drum storage area.

Due to the NFPA fire codes drums of Class IA liquids have to be stored in piles of twelve or less (NFPA 30, 4-5.7.6), secondary aisles have to be at least four feet wide between piles (NFPA 30, 4-5.7.12), and the primary aisle space has to be at least eight feet wide (NFPA 30, 4-5.7.12), the drum storage area has been expanded 125 more feet to the east. See drawing of drum storage area indicating aisle space and drum grouping. This will allow 500 drums to be stored in the diked area and still conform to the NFPA code standards. The dimensions of the diked area will be 225 feet by 30 feet by 3 inches. The total volume capacity of the diked area is 12,656 gallons. The maximum displaced volume from 500 drums is 2,943 gallons. This leaves a volume of 9,713 gallons available to contain 2,700 gallons of liquid. This is adequate.

The base is flat amd therefore provides no drainage, but each drum is stacked upon wooden pallets to keep the drums out of liquid that might leak out. Run-on is not a problem since the diked area is inside a galvanized steel warehouse.

In the event of a spill that lowers the oxygen level below a safe level a self-contained breathing apparatus will be used by the worker who will squeegee the standing liquid into the sump and the liquid will be pumped into drums and analysed according to the procedure in #25. If the oxygen level is still above 19.5% and organic vapor mask will be used instead. The oxygen content can be determined by a gas sniffer with special oxygen sensing tubes.

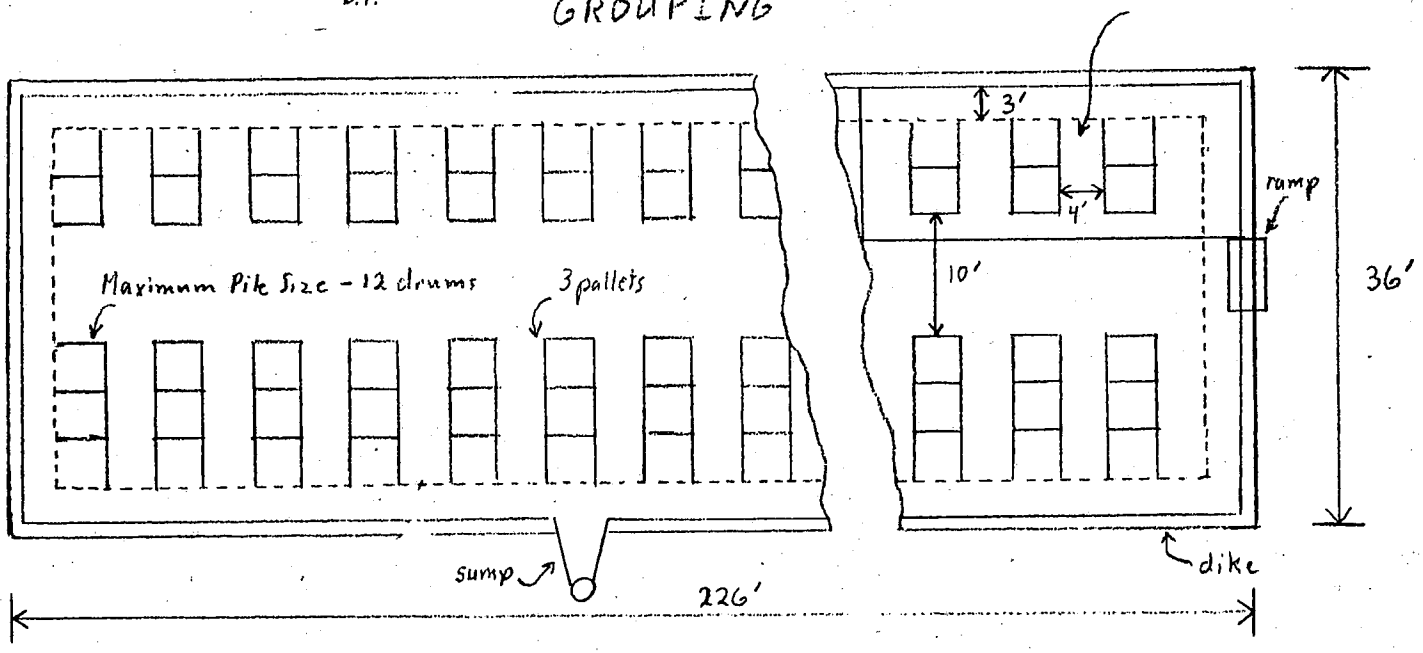
Since the objective of the disposal plan at Reid Supply Company is to blend liquids and sludges to be used as fuel, a minimum of containers that do not contain free liquids will be stored at the facility. These will be stored in the diked area.

Please refer to numbers 15 and 16 for the discussion on the drum storage area buffer zone and incompatible waste management.

DIKED DRUM STORAGE AREA INDICATING AISLE SPACE AND GROUPING

scale as shown

3/84 D.T.

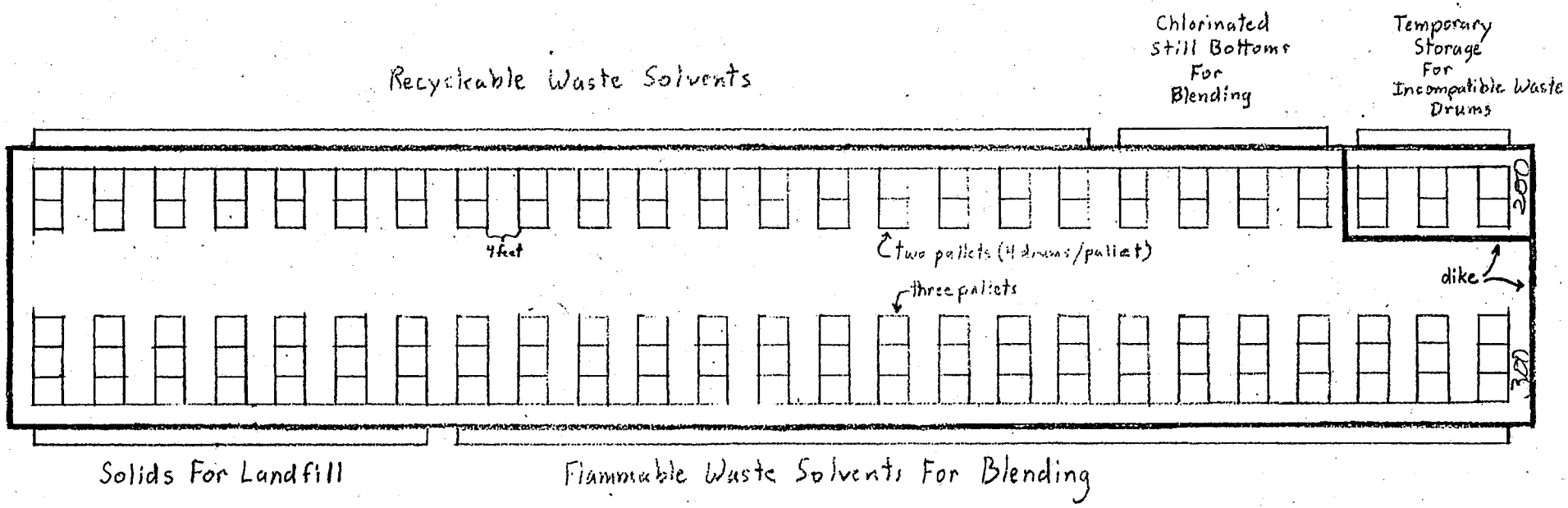


DRUM STORAGE AREA FLOOR PLAN

N

25 feet
1 inch

7/84 D.T.



CLOSURE COST ESTIMATE 7/7/84

Cost Estimate:

The cost estimate can be broken down into four main parts. They are hazardous waste disposal, tank and piping cleanup, hazardous waste area cleanup, and disposal of tank cleaning residue.

a) Hazardous waste disposal (including labor)

17H drums of solid flammable waste	50 drums X $53.00 =	$2,650.
17E drums of reclaimable chlorinated solvents	25 drums X $5.00 =	$125.00
17E drums of non-reclaimable chlorinated solvents	25 drums X $84.25 =	$2,106.25
17E drums of flammable liquids	400 drums X 55 gal. @ $.295 gal =	$6,490.
Flammable liquids in tanks	7000 gallons X $.295 gal. =	$2,065.
	TOTAL	$13,436.25

b) Tank and piping cleaning (including labor)

2 X 4500 gallons	2 X $195. =	$390.
1 X 4000 gallons	1 X 195. =	195.
1 X 1200 gallons	1 X 110. =	110.
1 X 1000 gallons	1 X 110. =	110.
2 X 750 gallons	2 X 110.	220.
1 X 600 gallons	1 X 110. =	110.
1 X 500 gallons	1 X 110. =	110.
1 X 100 gallons	1 X 55. =	55.
Piping	100 feet =	200.
		$1,500.

c) Hazardous waste area cleanup

Drum storage area cleanup	2 men X 8 hours @ $7./hr. =	$112.
Drum processing area	2 men X 8 hours @ 7./hr. =	112.
Still processing area	1 man X 8 hours @ 7./hr. =	56.
TOTAL		$280.

d) Disposal of tank cleaning residue

1000 gallons of water from steam @ $.35/gal. =		$350.
4 X 55 gallons sand from sand blasting @ $22./dr. =		88.
TOTAL		$438.

e) Engineering costs for onsite inspections $300.

TOTAL $15,954.25

ELBERT M. DEFOREST
LICENSED PROFESSIONAL CHEMICAL ENGINEER

June 18, 1984

Mr. David Trombold
Reid Supply Company
911 E. Indianapolis
Wichita, KS 67202

Dear Mr. Trombold:

As per your request, I have made a survey of the wall thickness of your storage tanks. The determinations were made with a DM 2 LCD ultrasonic thickness gage manufactured by Krautkramer Branson, Inc. Stratford, Conn.

Measurements were made at approximately 2 ft. intervals the full length of both tanks on three vertical lines, each approximately 1/3 the way around the tank. Physical limitations required some deviations from this exact program. It should be understood that these are old tanks and there could conceivably be small spots not picked up by the survey which would be thinner than shown by the data obtained. However, the measurements do not show any drastic thinning in any place. With the large number of measurements made and none showing unusual thinning, I would doubt there are any really dangerously thin spots.

The data obtained is shown on the attached sheets. Measurements were recorded out to the closest thousands of an inch. However, it is doubtful if anything smaller than .005 inch is very meaningful.

Thank you for this assignment. I am attaching my invoice for the work.

Very truly yours,

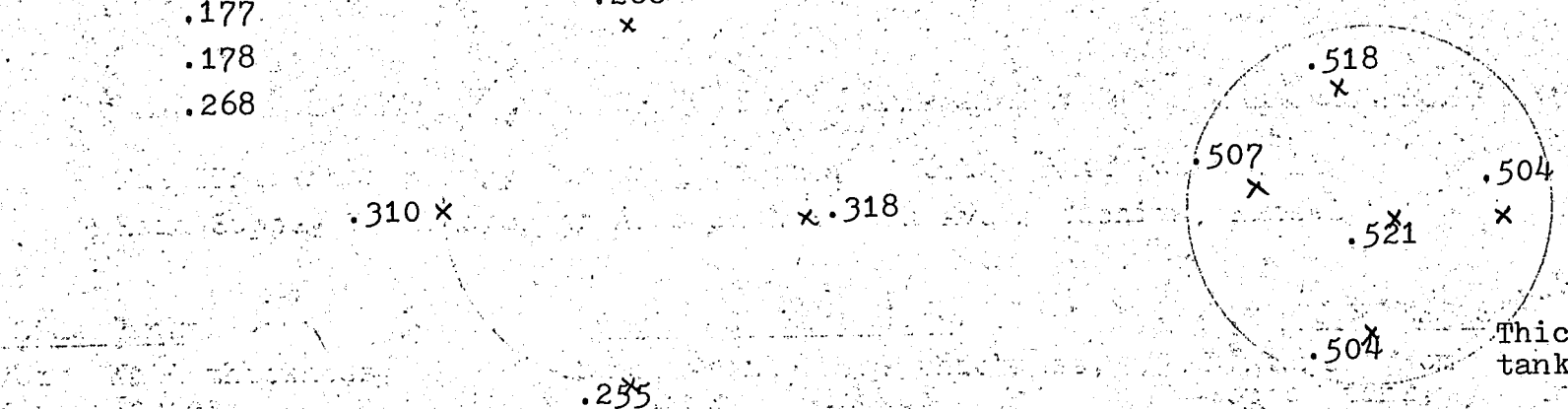
Elbert M. DeForest

Elbert M. DeForest

3047 BENJAMIN CT. • WICHITA, KANSAS 67204 • (316) 838-3806

Wall Thickness Survey for West Vertical Storage Tank Located in Reid Supply Manufacturing Area on New York Ave., Wichita, Kansas

SOUTH Side Tank		NORTHEAST Side Tank		NORTHWEST Side Tank	
Distance from top of tank, Inches	Wall thickness, Inches	Distance from top of tank, Inches	Wall thickness, Inches	Distance from top of tank, Inches	Wall thickness, Inches
6"	0.290	34"	0.252	11"	0.323
47"	.292	59"	.282	42"	.270
85"	.302	91"	.301	67"	.275
89"	.317	125"	.307	105"	.220
110"	.325	152"	.303	136"	.215
123"	.290	174"	.294	168"	.240
137"	.296	199"	.274	222"	.324
158"	.258	220"	.234	236"	.310
172"	.270	243"	.186	248"	.303
196"	.232	282"	.255	266"	.302
220"	.207	315"	.318	300"	.280
323"	.207			315"	.310
254"	.203				
265"	.177				
280"	.178				
315"	.268				



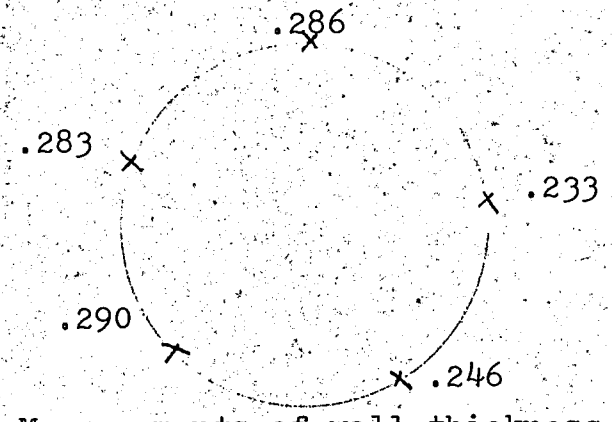
Thickness of tank bottom head.

Measurements of wall thickness at weld line of tank bottom.

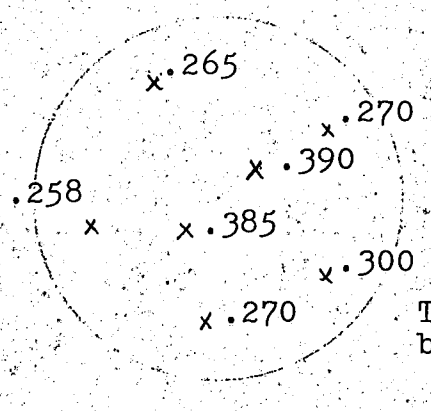
Survey made June 15, 1984

Wall Thickness Survey for East Vertical Storage Tank Located in Reid Supply Manufacturing Area on New York Ave, Wichita, Kansas

NORTHWEST Side Tank		SOUTHWEST Side Tank		NORTHEAST Side Tank	
Distance from top of tank, Inches	Wall thickness, Inches	Distance from top of tank, Inches	Wall thickness, Inches	Distance from top of tank, Inches	Wall thickness, Inches
4"	0.268	5"	0.313	5"	0.340
24"	.282	29"	.263	28"	.321
44"	.312	51"	.331	49"	.317
63"	.306	75"	.325	75"	.332
81"	.313	99"	.346	97"	.337
98"	.300	119"	.332	123"	.374
119"	.327	147"	.382	144"	.337
137"	.335	163"	.371	167"	.355
155"	.351	184"	.390	191"	.358
175"	.338	211"	.270	214"	.265
198"	.267				



Measurements of wall thickness at weld line of tank bottom.



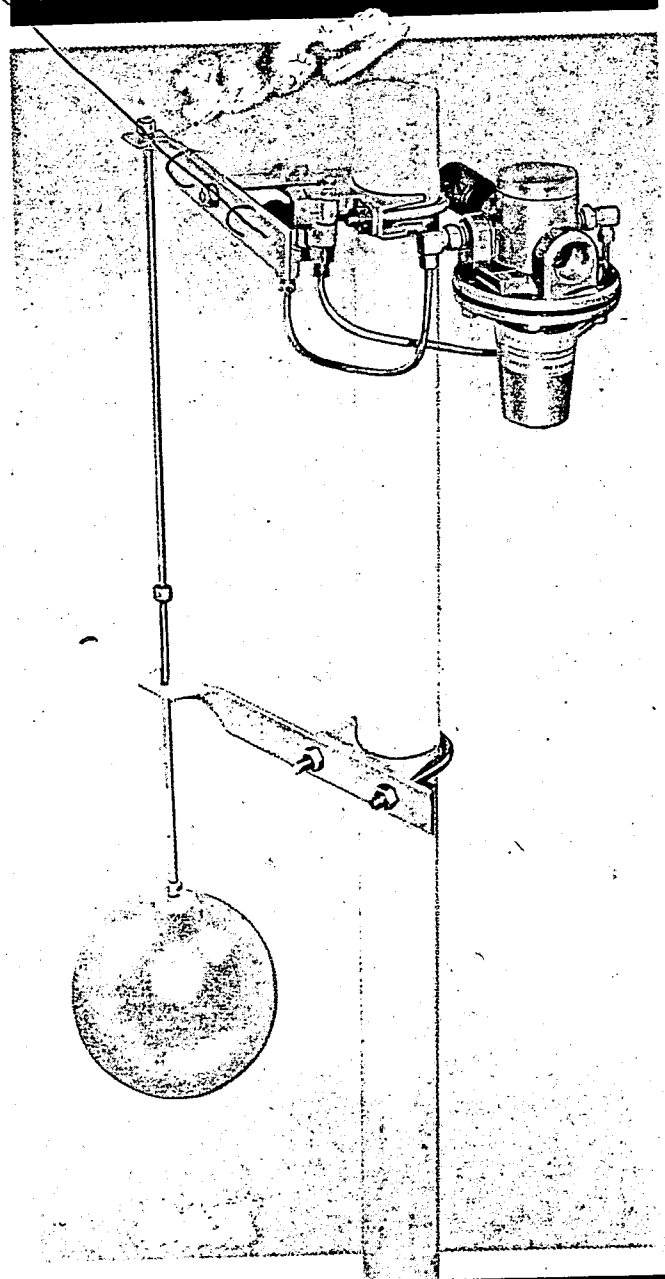
Thickness of tank bottom head.

Survey made June 15, 1984

THE WARREN RUPP

float actuated air valve and liquid level control

Automatically opens and closes air supply for on-off control of air-powered pumps and other pneumatic equipment.



Provides for all-pneumatic operation of complete pump and control systems

Here's the right answer for supervising the operation of air-powered pumps in all sumping and liquid transfer operations. Float-actuated switch opens and closes air supply to the pump for positive "ON-OFF" response. Here are the features and benefits:

- Completely automatic operation.
- Quick, low-cost installation. Easily plumbed as part of the piping system.
- No electrical connections. All-pneumatic operation.
- One control can be installed for either

  Sumping operations to:
  Start pump at high liquid level.
  Stop pump at low liquid level.

  Tank filling and transfer to:
  Start pump at low liquid level.
  Stop pump at high liquid level.

- Completely adjustable to any liquid level operating range . . . from a few inches to several feet.
- Explosion-proof. Especially ideal for use in hazardous areas.
- Long life operation. Corrosion-resistant wetted parts.
- High capacity air valve . . . for air flow requirements up to 125 cfm. (Less than 10 psi pressure drop.)

Model No. 032-002-000 includes: Lever operated pilot actuator valve, diaphragm-type pilot actuated air control valve with ½-inch female pipe thread inlet and outlet air connections, interconnecting tubing and fittings, mounting bracket and U-bolts and nuts, guide bracket with U-bolt and nuts, 18 - 8 stainless steel float and 6-ft. rod assembly (rod furnished in two 3-ft. sections with coupling), and adjustable stops. Furnished complete for mounting on 1½" pipe as shown.

THE WARREN RUPP COMPANY

P. O. Box 1568 • Mansfield, Ohio 44901 • Phone (419) 524-8388 • Telex 987-458

World's leading producer of air-powered pumps. Distributed by over 300 qualified pump distributors throughout the United States and Canada. Look for Warren Rupp under "PUMPS" in the Yellow Pages.

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Originators in Pumping

Arrangements for Spill Control Equipment

Arrangements have been made with Victor L. Phillips at 3250 N. Hydraulic to rent a backhoe suitable for diverting a solvent spill from a waterway or just from spreading. Names and numbers for both during and after hours are provided in the contingency plan.

SIX MONTH INSPECTION LOG SHEET
FOR INTERIOR OF BULK STORAGE TANKS
INSPECTION FROM PORTS

Inspector's name/title _____

Date of inspection _____ month/day/year

Time of inspection _____ (a.m. or p.m.)

ITEM	Possible Problems	Status (x) Acceptable	Status (x) Unacceptable	Observations*	Date and Nature of Repairs/Remedial Action
East bulk storage tanks	Corrosion pits, sprung seams, depressions			Condition of 6" diameter area	
				Ultrasonic reading	
				General condition of interior	
West bulk storage tanks	Corrosion pits, sprung seams, depressions			Condition of 6" diameter area	
				Ultrasonic reading	
				General condition of interior	

* Note Additional Observations on Back

TWO YEAR INSPECTION LOG SHEET
FOR INTERIOR OF BULK STORAGE TANKS
COMPLETE INTERNAL INSPECTION

Inspector's name/title _____

Date of inspection _____ month/day/year

Time of inspection _____ (a.m. or p.m.)

ITEM	Possible Problems	Status (x) Acceptable	Status (x) Unacceptable	Observations	Date and Nature of Repairs/Remedial Action
East bulk storage tank	Corrosion pits, sprung seams, depressions				
West bulk storage tank	Corrosion pits, sprung seams, depressions				

ANNUAL INSPECTION LOG SHEET
ULTRASONIC THICKNESS TEST

Inspector's name/title _____

Date of inspection _____ month/day/year

Time of inspection _____ (a.m. or p.m.)

Attach readings and comments to this sheet
for both the East and West bulk storage tanks.

EAST 4500 GALLON STORAGE TANK

WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X)		Observations	Date and Nature of Repairs/Remedial Action
				Accept	Unaccept		
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

WEST 4500 GALLON STORAGE TANK

WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X) Accept	Unaccept	Observations	Date and Nature of Repairs/Remedial Action
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

1200 GALLON TRANSFER TANK

WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X)		Observations	Date and Nature of Repairs/Remedial Action
				Accept	Unaccept		
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

4000 GALLON TRANSFER TANK
WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X)		Observations	Date and Nature of Repairs/Remedial Action
				Accept	Unaccept		
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

SOUTH 800 GALLON STILL FEED TANK

WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X)		Observations	Date and Nature of Repairs/Remedial Action
				Accept	Unaccept		
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

NORTH 800 GALLON STILL FEED TANK
WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X)		Observations	Date and Nature of Repairs/Remedial Action
				Accept	Unaccept		
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

1000 GALLON SETTLING TANK
WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X) Accept	Status (X) Unaccept	Observations	Date and Nature of Repairs/Remedial Action
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

600 GALLON CHLORINATED STORAGE TANK
WEEKLY INSPECTION LOG SHEET

Inspector Initials/Title	Date Mo/Day/Yr	Item	Possible Problems	Status (X) Accept	Status (X) Unaccept	Observations	Date and Nature of Repairs/Remedial Action
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				
		Ladders (if applicable)	Damaged, structural stability				
		Structural Supports	Damaged, structural stability				
		External Shell	Leaks, deterioration				
		Pipes/Valves/ Fittings	Leaks, deterioration				

DAILY INSPECTION LOG SHEET

OF OVERFILL PREVENTION MECHANISM

Possible Problems clogging, leaks, alarm not activating

Inispector Initials/Title	Date Mo/Day/Yr	Time	Status (X) Accept	Status (X) Unaccept	Observations	Date and Nature of Repairs/Remedial Actions

DAILY INSPECTION LOG SHEETS

OF LOADING AND UNLOADING AREAS

Possible Problems	Steel Plates	Weakening/Missing
	Forklift	Lift not working smoothly
	Drums	Leaking

Inspector Initials/Title	Date Mo/Day/Yr	Time	Status (X) Accept	Status (X) Unaccept	Observations	Date and Nature of Repairs/Remedial Action

FACILITY MAP

DGT 3/84

N

86 feet
1 inch

MISSOURI PACIFIC

Legend

Barrier Fence xxxxxxx
Gate xx----xx
Fire Hydrant fh
Rail Road Track
Emergency Escape Route e e e →

Storage Tank

Building

Parking

115 feet

85 feet

225 feet

To Missouri Pacific Truck Terminal

Open Drainage Ditch to Canal

Underground Drainage Culvert from Missouri Pacific

Still Processing Area

Acid Repackaging

REID SUPPLY CO. PLANT

Virgin Solvent Storage

Virgin Solvent Drum Storage

Break Room

Parking

Continuous access along road

30 feet

15 feet

Drum Storage

161 feet

Lab

15 feet

Tank Storage

20 feet

Methanol Storage

Drum Processing Area

Blending

Break Room

Unloading Area

Dock

fh

Virgin Chlorinated Solvent Storage

5 feet between building and property line

64 feet

fh

Fire Lane

204 feet

TROMBOLD INDUSTRIAL PARK

50 feet

172 feet

fh

DERBY REFINERY

DERBY REFINERY

Access Route for Derby Refinery Fire Brigade (5 minutes away)

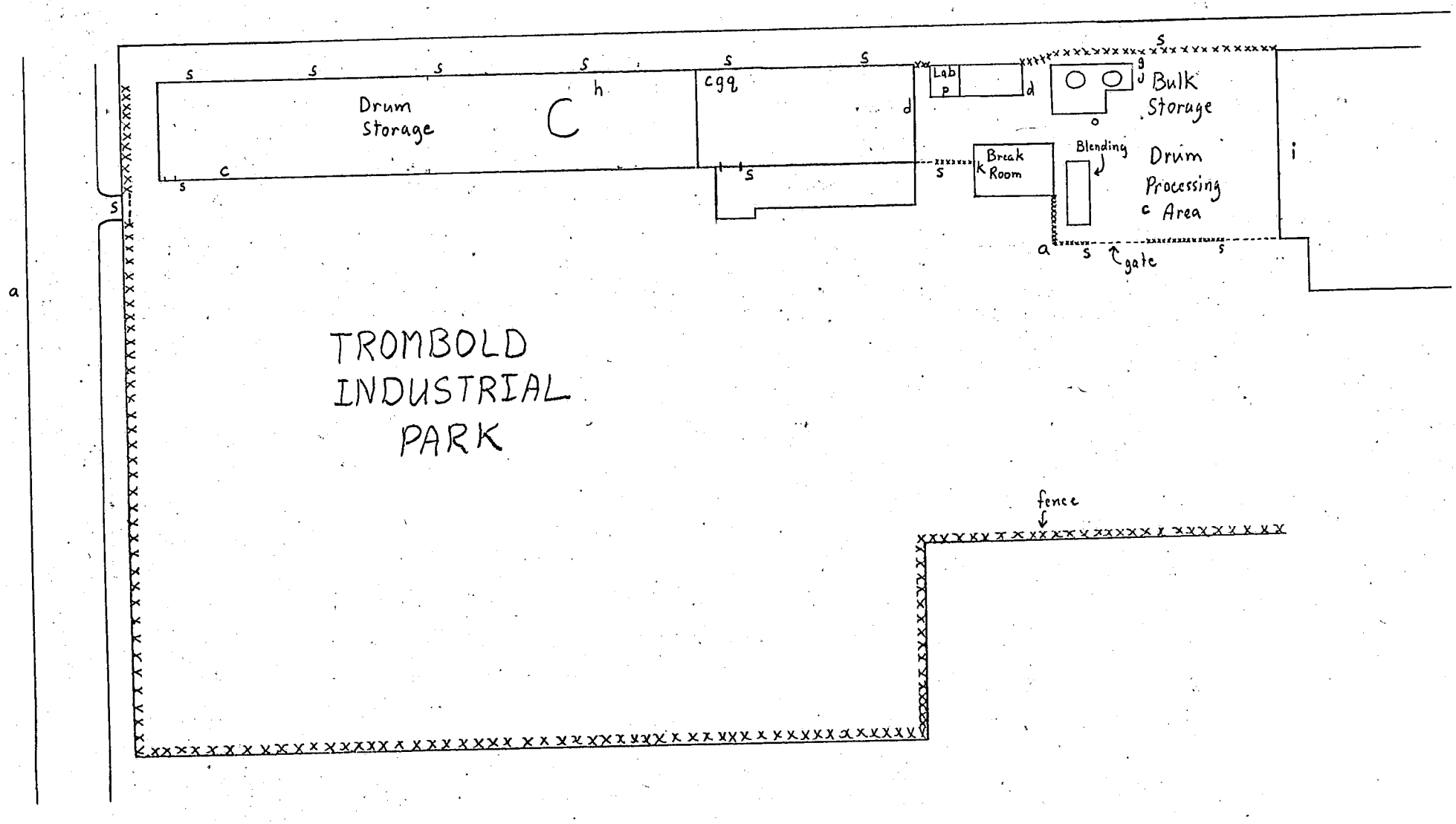
Gasoline Storage Tanks

LOCATION OF EMERGENCY EQUIPMENT (Part 1)

3/84 D.G.T.

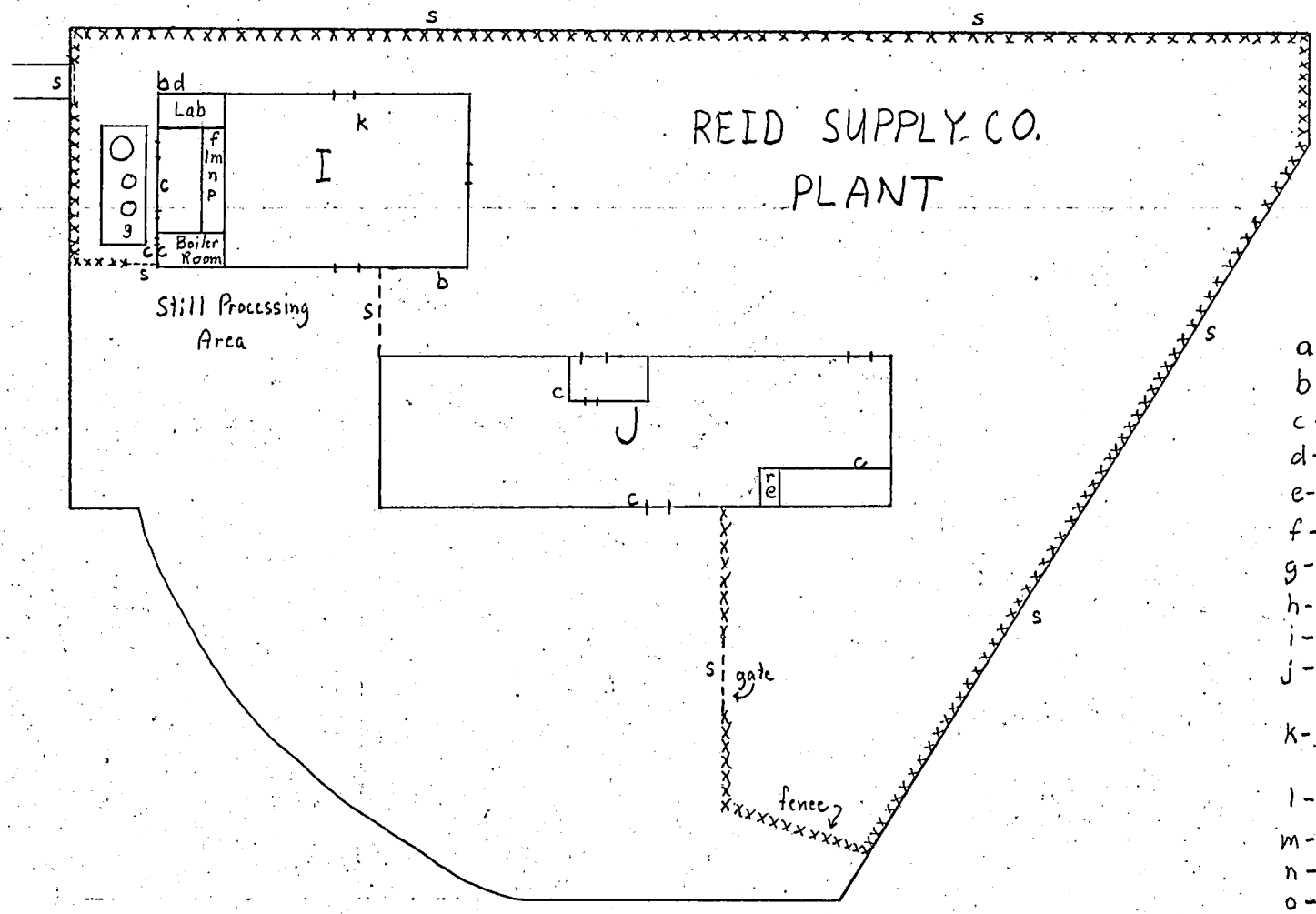
57 feet
1 inch

note: key is on Part 2 map



LOCATION OF EMERGENCY EQUIPMENT (Part 2)

3/84 D.G.T.



a - fire hydrant
b - portable 150 lb. fire extinguisher
c - fire extinguishers (hand held)
d - emergency alarm
e - two-way radio
f - portable p.a. system
g - oil absorbant
h - empty drums
i - air compressor
j - flexible hose and quick couplings
k - emergency shower or eye wash
l - goggles, face shields
m - organic vapor marks, SCBA
n - protective clothing, boots
o - portable sump pump
p - first aid kit
q - squeegee
r - hard hats
s - no smoking/danger signs